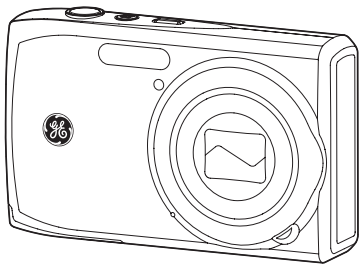
User Manual

imagination at work

GE Digital Camera

Power Pro Series : J1456W



Getting Started

Basic Operation

Camera Function Controls

Playback

Using the Menus

Camera Connectivity

Appendix

EN

WARNING

To prevent fire hazard or electrical shock, do not expose the camera battery pack or other accessories to water or humidity.

For Customers in the U.S.A.

Tested to Comply with FCC Standards

FOR HOME OR OFFICE USE

FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

For Customers in Europe

"CE" mark indicates that this product complies with the European requirements for safety, health, environment and customer protection. "CE" marked cameras are intended for sales in Europe.

This symbol [crossed-out wheeled bin WEEE Annex IV] indicates separate collection of electrical waste and electronic equipment in the European countries. Please do not throw the equipment into domestic refuse. Please use the return and collection systems available in your country for proper safe disposal of this product.

Declaration of Conformity

Model Name:	J1456W
Trade Name:	GE
Responsible Party:	General Imaging Company
Address:	1411 W. 190th Street, Suite 550, Gardena, CA 90248, U.S.A.

Customer Service Telephone Number: +1-800-730-6597

(Outside U.S. & Canada: +1-310-755-6857)

SAFETY PRECAUTIONS

Camera Notes:

- Do not store or use the camera in the following types of locations:
  - In rain, very humid and dusty places.
  - In a place where the camera can be exposed directly to sunlight or subject to high temperature, e.g. Inside a closed car in summer.
  - In a place where the camera is subject to a high magnetic field, e.g. near motors, transformers or magnets.
- Do not place the camera on a wet surface or or in places where dripping water or sand may come in contact with the camera; doing so may cause irreparable damage.
- If the camera will not be used for a long period of time, we suggest you remove the batteries and the memory card from the camera and keep them in dry environment.
- Moisture may form inside the camera if the camera is suddenly brought from a cold location to a warm location. Allow moisture to completely dry prior to turning on camera.
- No compensation for loss of recordings. Loss of recordings cannot be compensated for if a malfunction of your camera or recording media, makes the playback of recordings not possible.

Battery Notes:

- Incorrect use of the batteries may cause them to leak, become hot, ignite or burst. Always observe the precautions given below:
  - Do not expose the batteries to water and take particular care to keep the terminals dry
  - Do not heat the batteries or throw them into a fire
  - Do not attempt to deform, disassemble or modify the batteries
- Keep the batteries out of reach of babies and small children.
- In cold locations, battery performance will deteriorate and the life span of the battery may be compromised.

Memory Card Notes:

- When using a new or used SD memory card, or a SD memory card that has been initialized by a PC or a different model camera, be sure to reformat the card with your digital camera before using it.
- When editing image data, copy the image data to the PC's hard disk first.
- Do not change or delete the folder or file names on the SD memory card from your PC. This may cause a memory card read error to occur when viewing photos on the memory card from the playback mode in your camera.
- The photos taken by this camera are stored in the auto-generated folder on the SD memory card. Do not store photos that are not taken by this model camera, as this may cause a read error to occur when the camera is in playback mode.
- Do not expose the camera to harsh environments such as moisture or extreme temperatures, which may shorten the life of your camera or damage the batteries.
- Do not remove the memory card without turning the camera off to avoid possible damage of your memory card.
- Do not switch off the digital camera when a writing process is in process to avoid incomplete data writing and damaged or loss of pictures.
- Align the SD memory card correctly before inserting it into the camera's SD memory card slot. Do not force the SD memory card into the camera's SD memory card slot.

BEFORE YOU START

Preface

Thank you for purchasing this GE digital camera. Please read this manual carefully and keep it in a safe place for future reference.

Copyright

© Copyright 2011 General Imaging Company. All rights reserved.

No part of this published manual may be reproduced, transmitted, transcribed, stored in a retrieval system or translated into any language or computer language, in any form, by any means, without the prior written permission of General Imaging Company.

Trademarks

All trademarks mentioned in this manual are used for identification purposes only and are properties of their respective owners.

Safety information

Please read the following important information carefully before using this product.

- Do not take apart or attempt to service the camera yourself.
- Do not drop or knock the camera. Improper handling may damage the product.
- Turn the camera off before inserting or removing the battery and memory card.
- Do not touch or scratch the camera lens.
- Do not expose the camera to harsh environments such as moisture, chemicals or extreme temperatures, which may shorten the life of your camera or damage the batteries.
- Do not use or store the camera in dusty, dirty or sandy areas, as the camera or components may be damaged.

- Do not expose the lens to direct sunlight for extended periods of time.
- Download all pictures and remove the batteries from the camera if you are going to store the camera for long periods of time.
- Do not use abrasive cleansers, alcohol-based or solvent-based cleaners to clean the camera. To clean, wipe the camera with a slightly damp, soft cloth.

About this manual

This manual provides you with instructions on how to use your new GE digital camera. Every effort has been made to ensure that the contents of this manual are accurate, however General Imaging Company reserves the right to make changes without notice.

Symbols used in this manual

Throughout this manual, the following symbols are used to help you locate information quickly and easily:

Indicates useful information.

Indicates precautions to be taken while operating the camera.

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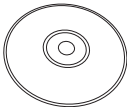
GETTING READY

Unpacking

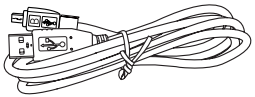
Your camera box should contain the camera model you purchased along with the following items. If anything is missing or appears to be damaged, please contact your retailer.

Warranty Card

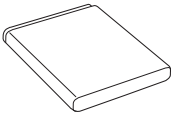


CD-ROM (Optional)

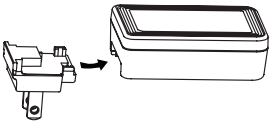
Wrist Strap



USB Cable



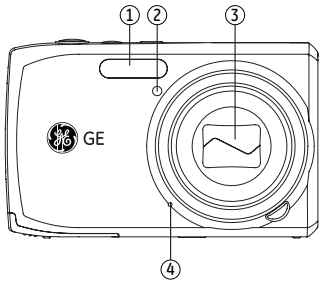
Rechargeable lithium-ion Battery



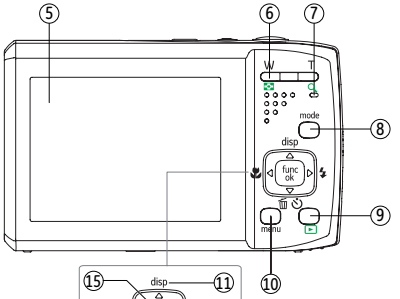
AC adapter

Camera Views

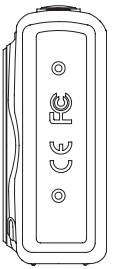
Front View

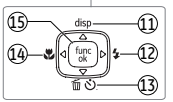


Back View

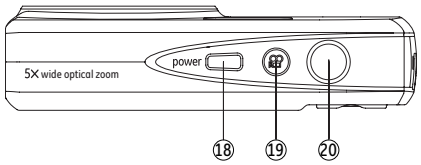


Right View

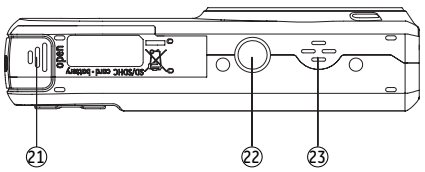




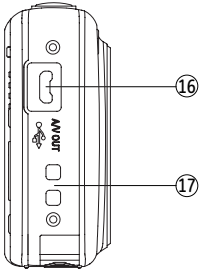
Top View



Bottom View



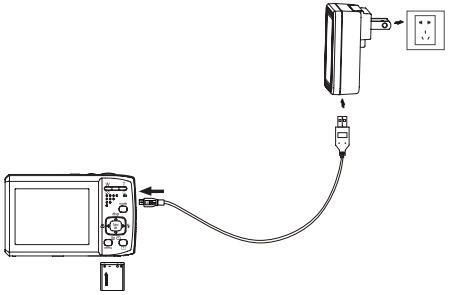
Left View



1	Flash Lamp	13	Delete Button/Self-Timer Button/ Down Button
2	AF Assist/Timer Indicator	14	Macro Button/Left Button
3	Lens	15	Function/OK Button
4	Microphone	16	USB/AV Port
5	LCD Screen	17	Wrist Strap Mount
6	Zoom Button	18	Power Button
7	Status Indicator	19	Recording Button
8	Mode Selection Button	20	Shutter Button
9	Playback Button	21	Card Slot/Battery Compartment
10	Menu Button	22	Tripod Socket
11	Disp/Up Button	23	Speaker
12	Flash Mode/Right Button		

Battery Charging

1. Insert the battery into the camera.
2. Use the USB cable to connect the camera to the power adapter. (The power supply charger varys with regions, so the charger you received may be different from that in the picture).
3. **Insert the power adapter into the power socket.**

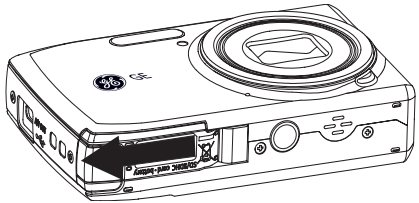


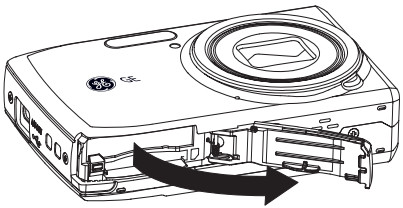
When charging, if the camera indicator is red, it shows that the battery is not fully charged; when the camera indicator turns green, it shows that the battery is fully charged (to optimize battery life, charge the battery for at least four hours when charging it for the first time.)

The charger is for indoor use only.

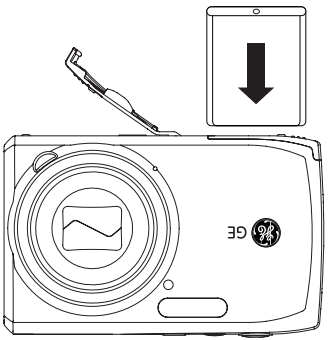
Insert the Battery and SD/SDHC Card (Not included)

1. Open the battery compartment

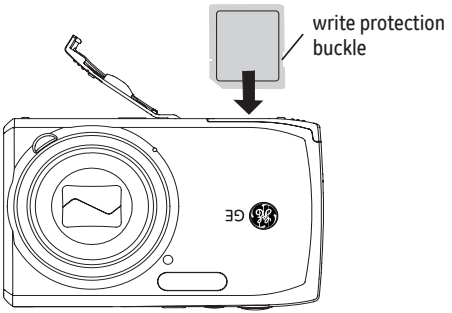




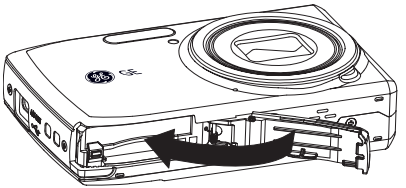
2. **Insert the enclosed batteries into the battery slot in the** correct direction.

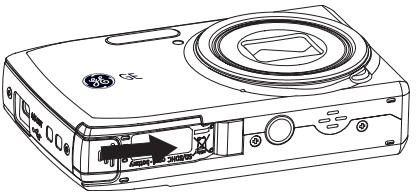


3. Insert an SD/SDHC card (not included) into the SD memory card slot as shown



4. Close the battery compartment



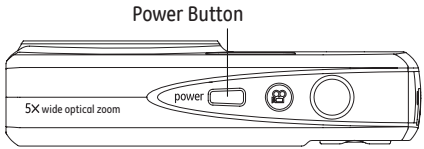


Optional SD/SDHC cards are not included. The use of 64MB to32 GB memory cards from recognized manufacturers such as, Panasonic and Toshiba are recommended for reliable data storage.

To remove the SD/SDHC card, open the battery compartment and gently push the card to release it. Remove the card out carefully.

Turning On and Off

Press the Power button to turn the camera on. To turn off the camera, press the Power button again.



After the camera is turned on, the camera will default to the the shooting mode last used. Press the Mode button, and use the Left/Right button to switch among different shooting modes.

Use Mode Button

GE camera's provide a convenient mode button, which allows you to easily switch between shooting modes. All available modes are listed as following.

Mode Name	Icon	Description
Auto Mode		Take still pictures in automatic mode
Manual Mode	M	Many of the camera settings can be configured manually in this mode
ASCN Mode	ASCN	The camera automatically selects the best scene type for still pictures
Panorama Mode		Capture a sequence of shots and automatically stitch them together into a panoramic photo
Scene Mode	SCN	Choose from 20 different pre-set scene types and effects for your photos
Stabilization Mode		Switch to take still pictures by reducing image blur caused by hand shake, low lighting conditions, or slow shutter speeds
Portrait		Portrait pictures under normal conditions
Movie Mode		Record videos

Set Time, Date/Time

The Date/Time and Language setup will automatically appear when the camera is turned on the first time.

To set the language, date, and time, go to the following setup options in the General Setup menu.

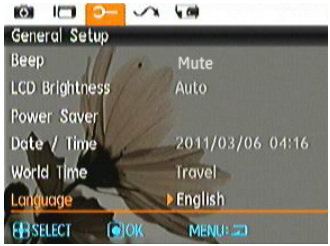
- Language
- Date / Time

To access the **General Setup** menu, do the following:

1. Press the Power button to turn the camera on.
2. Press the menu button, then switch among the settings menus by using the Left/Right button and select General Setup.

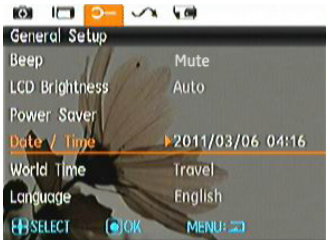
Setting the Language

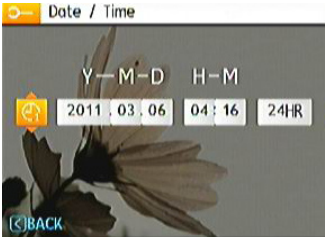
1. Select language with the Down button, press the func ok or right button to enter the setting.
2. Use the Up/Down/Left/Right buttons to select the desired language
3. Press the func ok button to confirm the setting



Set Date/Time

1. Select date / time with the Up/Down button, then press the func ok or right button to enter the setting.
2. Use the Left/Right button to select date or time field, then press Up/Down buttons to adjust values.
3. Press the func ok button to confirm the setting.





About the LCD Screen

When you turn the camera on, various icons are shown on the LCD screen to indicate the current camera settings and status. To learn more about the displayed icons, see "**LCD Screen display**" on page 25.

LCD Screen Notes:

Extremely high-precision technology has been used to manufacture the LCD screen so that most of the pixels are operational and for use. On occasion, there may be some minute points (black, white, red, blue or green) that constantly appear on the LCD screen. These points are normal in the manufacturing process and the recording is not affected in any way.

Avoid exposing the LCD screen to water; remove any moisture on the LCD screen with a soft, dry cleaning cloth.

If the LCD monitor is damaged, take particular care with the liquid crystal in the monitor. If any of the following situations arise, take the recommended immediate action indicated below:

- If liquid from inside the LCD screen comes in contact with your skin, wipe the area with a clean cloth and then wash thoroughly with soap and running water.
- If liquid from inside the LCD screen gets into your eye, flush the affected eye with clean water for at least 15 minutes and then seek medical assistance immediately.
- If the liquid crystal display or the liquid inside it are swallowed, flush your mouth thoroughly with water. Drink large quantities of water and induce vomiting. Then seek medical assistance immediately.

Shooting in Auto Mode

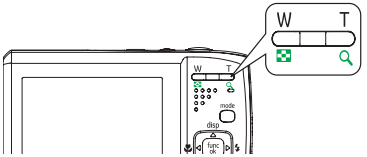
Auto mode is the easiest mode to take photos with. While operating in this mode, the camera automatically optimizes the camera's settings for best results.

To start shooting, do the following:

1. Press the power button to turn the camera on.
2. Press the Mode button and select Automatic mode. ( ).
3. Compose your picture on the LCD screen and press the Shutter button halfway to focus on the subject.
4. The LCD screen will show a green focus frame after the subject is in focus.
5. Press the **Shutter button** fully to capture the image.

Using the Zoom Function

Your camera is equipped with two types of zoom functions: optical zoom and digital zoom. Press the Zoom button to zoom in or out of the subject while taking pictures.



Zoom indicator (See "Digital Zoom" on page 46)

When the optical zoom reaches its maximum value, release the Zoom button and then press it again for the digital zoom to begin. The zoom indicator is hidden after the Zoom button is released. The screen shows ( ) for the current zoom status.

Flash

Press the Right/Flash button to enter the flash interface, then press the Left/Right button to switch among six different flash modes:

- Flash: Forced Off
  Flash is turned off.
- Flash: Forced Flash
  The flash will fire with each shot even if there is enough available light to take the photo without flash.
- **Flash: Red-Eye + Slow Synchro**
  Using this mode for slow synchro shots with red-eye reduction.
- Flash: Slow Synchro
  This allows for night scenery photos that include people in the foreground. The use of a tripod is recommended when shooting with this setting.
- Flash: Red-Eye Reduction
  The camera emits a brief flash before the picture is taken to reduce red-eye effects.
- Flash: Auto
  Camera flash goes off automatically based on existing light conditions.

Self-Timer

To enable the self-timer function, press the Down/Self-timer button to enter the self-timer selection interface, press the Left/Right button to switch among three self-timer modes:

- Self-Timer: Off
  Disables the self-timer.
- Self-Timer: 2 sec
  A single picture is shot 2 seconds after the Shutter button is pressed.
- Self-Timer: 10 sec
  A single picture is shot 10 seconds after the Shutter button is pressed.

Macro Mode

Press the Left/Close-up button to enter the close-up shooting interface, press the Left/Right button to switch between two close-up shot modes:

- Macro: On
  Select this to focus on subjects 5cm from the lens.
- Macro: Off
  Select this option to disable Macro.

Using Quick Record

In Shooting mode, press the Recording Shortcut button to enter the recording mode directly and begin video recording.

After recording, press the Recording shortcut button or Shutter button again and you can store the video and return to the shooting screen.

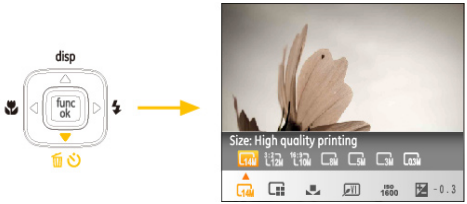
Advanced Functions Menu

The Advanced Functions Menu of the camera includes image Size, Image Quality, White Balance, Image Colour, ISO and EV values. These functions allow advanced users better control for shooting under difficult lighting conditions.

To set the Advanced Functions:

1. **Pull up the Advanced Function Menus by pressing the** func ok **button.**

2. Press Down button to enter the advanced function selection screen, press the Left/Right button to select the function that you want to set.
3. **Press the Up button to enter the advanced function setting** interface.



4. Use the Left/Right buttons to change the settings and then press func ok to confirm the new settings and close this Advanced Function Menu.

Size

The size setting refers to the image resolution in pixels. A higher image resolution allows you to print that image in larger sizes without degrading the image quality.

The bigger the number of recorded pixels is, the better the image quality becomes. As the number of recorded pixels becomes smaller, you will be able to record more images on a memory card.

Quality

The camera's quality setting adjusts the compression ratio of the images. Higher quality settings produce better quality photos, but will take up more memory space.

There are three options for picture quality:

- Quality : Best
- Quality : Fine
- Quality : Normal

WB (White Balance)

The White Balance allows you to adjust the color temperature for different lighting sources to ensure accurate color reproduction. (The WB setting is only available when the camera is in the M **Manual** mode).

The options of White Balance include:

- WB : Auto
- WB : Daylight
- WB : Cloudy
- WB : Fluorescent
- WB : Fluorescent CWF
- WB : Incandescent
- WB : Manual (Press the shutter button to set WB)

Color

The color setting allows you to add artistic color effects when taking pictures. You can try different color tones to alter the mood of your pictures. (The Color setting feature is only available when the camera is in the M **Manual** mode).

The color options include:

- OFF Color : Auto
- VI Color : Vivid
- BW Color : Black & White
- SE Color : Sepia

ISO

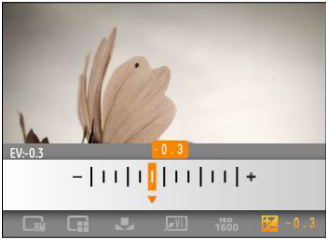
The ISO function allows you to set the sensitivity of the camera's light sensor based on the brightness of the scene. To improve the camera's sensor performance in darker environments, a higher ISO value is required. A lower ISO value is needed when shooting in bright conditions. (The ISO setting is only available when the camera is in the **M Manual** mode).

Pictures at higher ISO will generally have more noise than those at lower ISO.

The options of ISO include automatic, 64, 100, 200, 400, 800 and 1600.

Exposure Compensation

The exposure compensation adjustment allows you to adjust the light exposure value to control the brightness of the image.

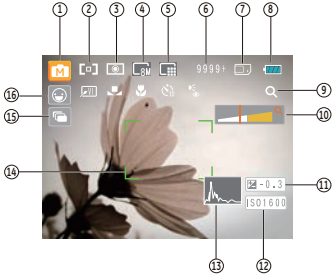


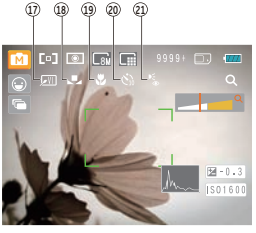
The adjustable range of exposure value is from EV -2.0 to EV+2.0.

LCD Screen Display

Still Picture Mode Display

Mode:





1 Shooting Mode Icons

- Auto Mode
- **Manual Mode**
- ASCN Mode
- **Panorama Mode**
- Scene Mode
- Stabilization Mode
- Portrait Mode

2 AF Mode

- Single-AF
- Multi-AF

3 Expo Metering

- Spot
- Center
- AiAE

4 Image Size

5 Image Quality

6 Remaining number of pictures
7 Memory card/built-in memory
8 Battery Status
9 WT Ratio (Displayed only when the zoom is activated)
10 Zoom scale
11 Exposure value
12 ISO Value (Adjustable only in M Manual Mode)
13 Histogram
14 Focus Frame
15 Continuous Shot
16 Face Detection
17 Picture Color (Adjustable only in M Manual Mode)
18 White Balance (Adjustable only in M Manual Mode)
19 Macro Mode
20 Self-timer

2-sec

10-sec

21 Flash Mode

Flash: Flash Off

Flash: Forced Flash

Flash: Red-Eye + Slow Synchro

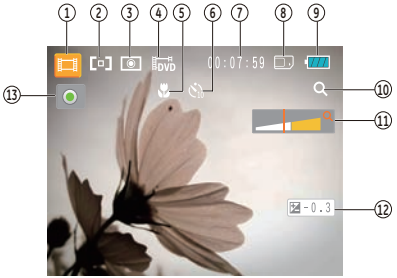
Flash: Slow Synchro

Flash: Red-Eye reduction

Flash : Auto

Video Shooting Mode Display

Mode :



1 Video Mode icon
2 Continuous AF
3 Metering
- Spot
- Center
- AiAE

4 Video Quality
5 Macro mode
6 Self-timer
- 10-sec

7 Remaining Time for Video Recording
8 Memory Card/Built-in Memory
9 Battery Status
10 Zoom
11 Zoom Value Scale (Displayed only when zoom is activated)
12 Exposure Value
13 Recording Status Icon
- Recording standby
- Recording

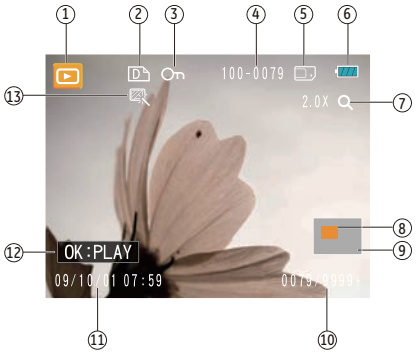
For optimal video shooting, it is recommended that an SD memory card be used. If you shoot video using only the internal memory the results may display image jitter, image noise and short recording times.

HD recording time is limited to below 29min.

During video shooting, optical zoom is fixed but the highest 6x digital zoom is still available.

Playback mode display

Mode: ▶



1 Playback Mode Icon
2 DPOF File
3 File Protection
4 Picture Number
5 Memory Card/Built-in Memory
6 Battery Status
7 **Image Zoom**
8 Zoom Magnification Area Indicator
9 **Field of view indicator**
10 Memory Space (this picture/Total number of pictures)
11 Recording Date and Time
12 OK: PLAY
13 HDR

Auto Scene Mode (ASCN)

In the "**ASCN**" mode, different recording conditions are detected intelligently and the most suitable settings will be automatically selected.

To use "ASCN":

1. Turn the mode dial to "ASCN", The LCD screen will display the following icons.

2. Hold the camera steadily and aim at the subject. The optimum scene mode will be selected automatically.
3. Press the Shutter button halfway down to focus.
4. Press the Shutter button all the way down to take the picture.

Icon	Mode name	Icon	Mode name
	Landscape Mode		Night Landscape Mode
	Portrait Mode		Macro Mode
	Night Portrait		Auto Mode
	Backlit Portrait		

Landscape Mode

For landscapes, ASCN will automatically adjust the exposure and reproduce vivid green and blue colors.

Portrait Mode

For portraits, ASCN will automatically adjust the exposure and skin tones to produce natural looking photos.

Night Portrait

When taking portraits at night, or in low light conditions, ASCN will automatically adjust the exposure for people and night scenes.

Backlit Portrait

When the sun or any other light source is behind you, ASCN will automatically adjust the foreground exposure to produce the best pictures possible.

Night Landscape Mode

For night scenes, ASCN will automatically increase the ISO value to compensate for low light.

Macro Mode

To produce more detailed close-ups, ASCN will automatically engage the camera's Macro mode and automatically focus the lens.

Auto Mode

The camera will automatically adjusts the exposure and focus to ensure the best possible pictures.

Panorama mode

Panorama Mode allows you to create a panoramic picture. The camera will automatically compose a panoramic picture using the individual shots that you take.

Follow these easy steps to create a panoramic picture:

1. Press the Mode button and use the Left/Right button to select Panorama mode, then press the func ok button to confirm the setting.
2. Use the Left/Right button to select the direction of image stitching, e.g. left to right or right to left. Then press the func ok button to confirm the setting; if no selection is made the camera will default to left to right stitching after 2 seconds.
3. After the first shot is taken, two target icons will appear on the left and right side of the LCD screen. Pan the camera and the circle icon on the screen will move towards the square frame icon. When the circle icon and square frame overlap and turn green, the camera will capture the next picture automatically. Repeat the same step for the third picture to finish the stitching.

The camera will then stitch the pictures into a panorama automatically. Press the playback button to enter Playback mode and review the panorama result.

After selecting Panorama mode, Flash, Self-timer, Macro mode and Exposure Compensation can not be adjusted.

Before ending the shooting sequence, pressing the Delete button will cancel the shooting sequence.

Panorama Mode can stitch 2 or 3 pictures maximum.

Manual Scene Mode (SCN)

In **Manual Scene** mode, you can select from a total of 20 scene types to suit your needs. The camera will automatically adjust to the optimal settings based on the scene type that is chosen.
To enter the Scene Mode, turn the mode dial to **Manual Scene** mode. The Scene Mode menu will appear.

Select a scene using the Up/Down/Left/Right button and press the func ok button.

Icon	Mode Name	Icon	Mode Name
	Landscape		Sport
	Beach		Sunset
	Fireworks		Night Landscape
	Night Portrait		Gathering
	Children		Indoor
	Snow		ID
	Museum		Photo frame
	Travel shooting		Text
	Leaf		Glass
	Fish eye		Sketch

Landscape

For landscapes. Vivid reproduction of green and blue.

Sport

For fast-moving subjects. Capture sharp action shots with minimal blur. This mode is not recommended for shooting indoors.

Beach

For taking pictures in areas with strong sunlight.

Sunset

For sunsets. Capture subjects in strong sunlight.

Fireworks

For fireworks at night. Slow er shutter speed adjusted for brilliant images. The use of a tripod is recommended.

Night Landscape

For night scenes. The use of tripod is recommended.

Night Portrait

For portraits against night scenery.

Gathering

For taking pictures of large groups or in areas with uneven lighting.

Children

For children and pets. Flash is disabled for eye protection.

Indoor

For indoor settings. Reduce blur and improve color accuracy.

Snow

For snow scenes. Reproduce natural and clear white scenes.

ID

For shooting ID size photos.

Museum

For museum or flash-free area. Retain color and reduce blur.

Photo frame

For adding interesting frame effects to the photo.

Travel shooting

Produces background image blur that emphasizes the motion of the main subject.

Text

For taking pictures of text, documents or white boards.

Leaf

For plants. Capture brilliant shots of greenery and blossoms.

Glass

For objects behind transparent glass.

Fish Eye

Simulates fish-eye effect, by distorting the center of the image.

Sketch

For taking photos with pencil sketch effect.

1. After selecting the Scene Type, press the func ok button to activate.
2. After setting the option, press the func ok button to confirm the setting and enter the selected Scene Selection mode for shooting.

The main functions menu also allows you to adjust the image quality and image size. Please refer to the "**Advanced Functions Menu**" section on page 21 for detailed instructions.

Stabilization mode

This mode can help reduce photo blur caused by unintentional hand shake, low light and slow shutter speed.

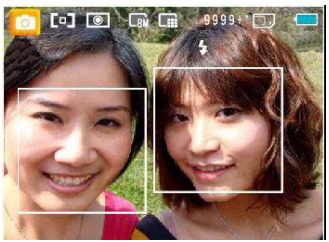
Use Stabilization Mode in dark environments or when using a slow er shutter speed.

Shooting in a windy or unstable environment (such as a moving vehicle) may cause blurred images.

Face Detection

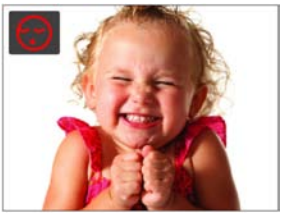
This function automatically detects facial features and directs the camera to focus on them.

In face detection mode, press the shutter button halfway and the camera will automatically detect faces and display a rectangular focus frame around them. The focus frame will turn green to indicate that the face or faces are in focus. Press the shutter button the rest of the way to take the picture.



Blink Detection

Blink Detection is enabled by default unless disabled by the user. When shooting, if a subject is detected with its eyes closed, the Blink Detection icon will appear on the screen to show that a blink was detected.

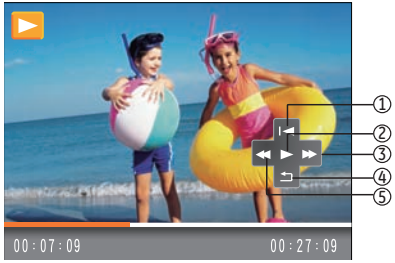


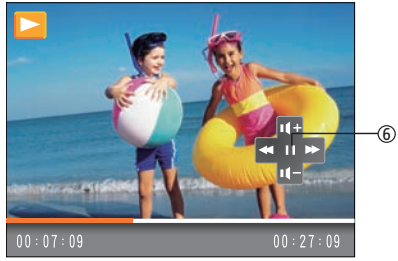
Viewing Photos and Videos

To view the captured photos and video clips on the LCD screen:

1. After pressing the ▶ button, the last photo or video clip taken will be displayed on the LCD screen.
2. Use the **Left/Right** navigation buttons to scroll through the photos or video clips stored in the internal memory or on the SD memory card.
3. To play a selected video clip, press the func ok button to enter the movie playback mode.

During video playback, the operating instructions will appear on the screen. Press the Left/Right button, and press the func ok button to engage the following actions.





The operating instruction icons are as follows.

1	Return to the first frame and play	4	Return to the first frame
2	Play	5	Rewind
3	Fast Forward	6	Pause

When playing a movie, press the Up/Down arrow button to raise or lower the volume, to mute the volume press the down arrow until the mute icon appears.

Thumbnail View

When in Playback mode, press the W to display thumbnail images of photos and videos on the screen.

1. Use the Zoom button to switch between 3x3, 4x4 and the Date Folder thumbnail display.

2. When displaying 3x3 and 4x4 thumbnails, use the Up/ Down/ Left/Right button to select a picture or video for viewing; press the func ok button to return to the original size.
3. When displaying date folder thumbnails, use the Up/Down button to select a date folder. pressing the func ok button will enter the date information index.

4. Use the Up/Down/Left/Right button to select a picture or video clip, then press the func ok button to return to the original size.

Date Folders are displayed in order, based on the shooting date.

If the icon appears on the LCD, then a movie file is currently being displayed.

Using Zoom Playback (for still pictures only)

The zoom buttons can also be used during playback. This allows you to magnify photos from 2x to 8x.

1. Press the ▶ button to enter the Playback mode.
2. Use the Left/Right navigation buttons to select a photo to magnify.
3. Press one end of the Zoom button T🔍 to zoom in.
4. Use the Zoom buttons to zoom in and out. The zoom magnification area scale and the total photo area scale will display on the screen.

5. Use the navigation buttons to pan across the image.
6. Press the func ok button to return the image to its original size.

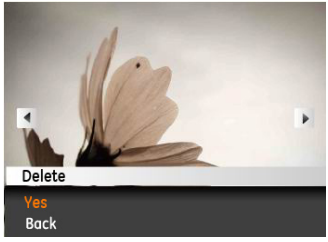
Movie images cannot be magnified.

Using the Delete Button

In Playback Mode, you can press the Up/Delete button to delete an unwanted photo or video.

To delete pictures or videos:

1. Press the ▶ button to switch to playback mode.
2. Select the picture or video clip you want to delete with the Left/Right button.
3. After pressing the Up/Delete button, the delete screen will display on the screen.



4. Select Yes or Back with the Up/Down button and press the func ok button for confirmation.

Erased photos/video clips cannot be recovered.

Please refer to page 52 for instructions on the Delete Menu options.

Still Menu

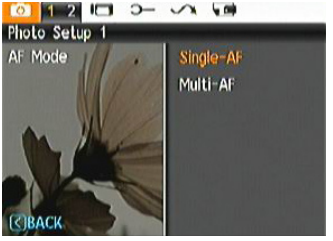
Mode: M SCN

In any of the above Photo Modes, press the menu button to go to the Photo Setup Manu.

To adjust each setting:

1. In the Photo Setup Menu, use the Left/Right button to select the Tab (at the top of the screen) corresponding to the page containing the function you wish to change.

2. Press the Up/Down buttons to select the function.
3. Press the func ok or Right button to go to the submenu.



4. Press the Up/Down button to select an option or press the Left button to return to the menu.
5. Press the func ok button to confirm the setting and return to the previous page.

After selecting a function, you can press the Up button to return to the Still Picture menu for other Photo Setup or Camera Setup pages. Or you can press the Down button several times to move to the next setup menu page.

Refer to the following pages for more details about each setting.

AF Mode (Auto-Focus Mode)

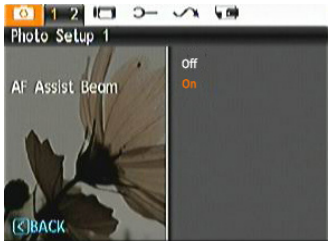
Use this setting to control the Auto-Focus mechanism while taking pictures.

Two options are available:

- **Single-AF**: The focus frame appears in the center of the LCD screen to focus on the subject.
- **Multi-AF**: The camera automatically focuses the subject in a wide area to find the focus point.

AF-Assist Beam

This option can turn on or turn off the AF assist lamp. The AF assist beam is useful for focusing in the dark or in low lighting conditions.



Expo Metering (Exposure Metering)

Use this setting to select the "target" size of the camera's field of view to be metered.

Three metering "target" sizes are available to choose from:

- **Spot** metering targets a small area in the center of the camera's field of view.
- **Center** metering targets a slightly larger area in the center of the cameras field of view.
- **AiAE** (Artificial Intelligence AE) targets the camera's entire field of view.

Continuous Shot

Use this setting to perform continuous shooting. After entering this mode, you can shoot multiple images by continuously holding the shutter button down.

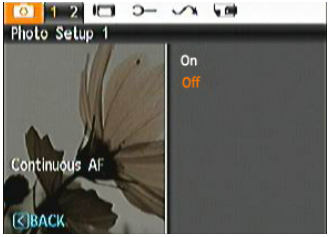
There are five available options:

- **Off**: Turns off the Continuous Shot function.
- **Unlimited**: Press and hold down the shutter button to shoot continuously until you release the shutter button or until the memory card has run out of space.
- **3 Shots**: Capture up to 3 consecutive pictures.
- **3 Shots (Last)**: Capture pictures continuously until the Shutter button is released but only the last 3 shots are recorded.
- **Time Lapse:** Automatically capture pictures at predefined intervals.

The flash is disabled in this mode in order to enable quick succession of shots.

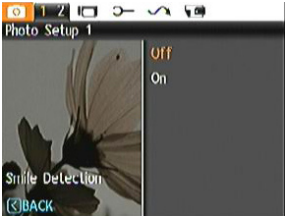
Continuous AF

With Continuous AF turned on, the camera will continually adjust focus automatically in response to any camera or subject movement.



Smile Detection

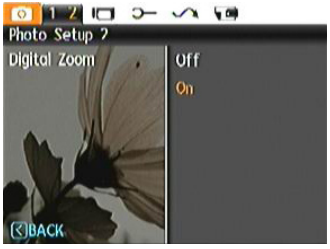
With the "Smile Detection" feature, the camera automatically detects and captures a person smiling.



A face must be detected by the camera in order for smile detection to function correctly.

Digital Zoom

Use this setting to enable or disable the Digital Zoom function. When Digital Zoom is turned off, only the optical zoom is functional.



Slow Shutter

In Slow shutter mode, the shutter will remain open as long as the Shutter button is pressed. This gives you complete control over the duration of the exposure. (The slow shutter mode is available only in M manual mode).

- **Manual** : To take a long exposure time between 2~30 sec.

The use of tripod is recommended when using prolonged exposure times.

Quick Review

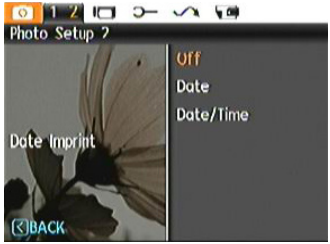
This setting refers to the brief photo review immediately after taking a picture. The picture stays on the LCD screen for an adjustable period of time.

Four options are available:

- Off
- 1 sec
- 2 sec
- 3 sec

Date Imprint

Include a Date/Time stamp in the photo image.



- Off
- Date
- Date/Time

Movie Mode Menu

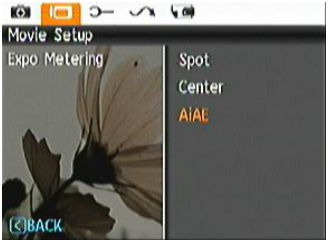
Mode:

In the Movie Mode, press the menu button to go to the corresponding Movie menu.

To configure each setting:

1. In the Movie menu, switch between the Movie Setup or different Camera Setup pages using the Left/Right button, select the page with the function you want to adjust and press the Down button.

2. Press the Up/Down arrow button to select the function to be set, and press the func ok or Right button to enter the submenu.



3. Press the Up/Down button to select an option or the Left button to return to the menu.
4. Press the func ok button to confirm the setting and return to the previous page.

Refer to the following pages for more details about each setting.

Expo Metering (Exposure Metering)

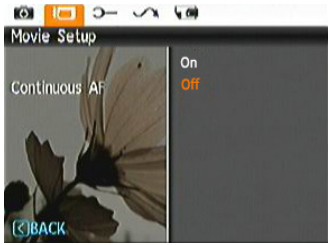
Use this setting to select the "target" size of the camera's field of view to be metered.

Three metering "target" sizes are available to choose from:

- **Spot** metering targets a small area in the center of the camera's field of view.
- **Center** metering targets a slightly larger area in the center of the cameras field of view.
- **AiAE** (Artificial Intelligence AE) targets the camera's entire field of view.

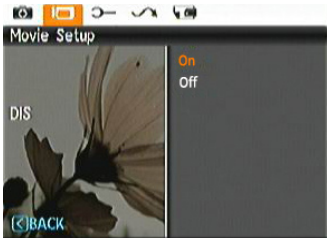
Continuous AF

After Continuous AF is turned on, the camera will adjust focus automatically in response to any camera or subject movement.



DIS

Using this function will ensure maximum stability of the screen when recording.



Playback Menu

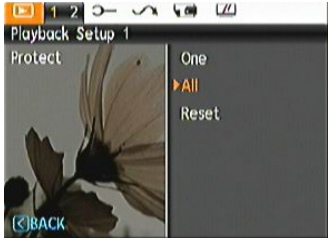
Mode : ▶

In Playback mode, press the menu button to enter the **Playback** menu.

The following section provides detailed instructions on the various menu options.

Protect

To prevent any pictures or videos from being accidentally erased, use this setting to lock one or all of the files.



To protect/unprotect a picture or video:

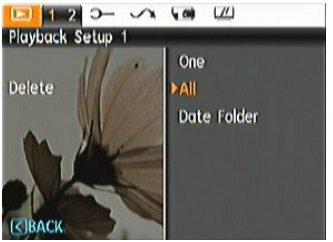
1. Use the Up/Down arrow button and select Protect, press the func ok or Right button to enter the submenu.

2. Use the Up/Down button and select "One" to protect individual photos or movies; or select "All" to protect all photos and movies stored in the memory card. Press the func ok button to confirm and enter the photo/movie protection interface.
3. Press the func ok button then select Yes to lock displayed photos or videos, or select Unprotect to unlock them, then press the Up/Down button and select Back to return to the playback menu.

Selecting "reset" will unprotect all previously protected photos and videos.

Delete

There are two ways to delete files.



- **Delete One:**

1. In the Delete Option, select One and then press the func ok button.
2. Press the Left/Right button to locate the photo or video to be deleted. Press the Up/Down button and select yes and press the func ok button to delete the item or select "back" to return to the previous menu.

• **Delete All:**

1. In the Delete option, select All and then press the func ok button.
2. Use the **Up/Down** button and select Yes to delete all files, or select Back to return to the menu.

• **Delete Date Folder:**

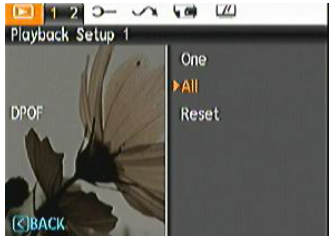
1. In the Delete option, press the func ok button after selecting Date Folder.
2. Use the Up/Down button to select a Date Folder to be deleted, press func ok to confirm, then press the Up/Down button to select item (Yes: to delete the file, or Cancel: to return to the menu) and then press func ok to confirm.

The " " indicator means a file is protected. File protection must be removed first before a file can be deleted.

Deleting files will cause the DPOF settings to be reset.

DPOF (Digital Print Order Format)

The DPOF feature allows you to compile a selection of pictures that you would like to have printed, and will save your selection in the memory card so that you can simply hand your SD memory card to a photo printing service without having to individually specify which photos you would like to print.



Resize

This setting allows you to resize a picture to a specified resolution, and saves it as a new picture.

1. Select the **Resize** setting from the **Playback** menu as described previously.

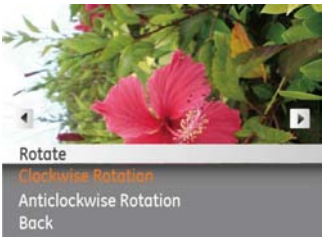
2. Use the **Left/Right** navigation buttons to select a picture to resize.
3. Use the **Up/Down** navigation buttons to select a resolution (**1024X768** or **640X480**) to resize the image or **Back** to cancel and return to the **Playback** menu.
4. Press the func ok button to confirm the setting.

Resizing an image creates a new file that contains the image in the size you select. The file with the original image also remains in the memory.

Rotate

You can use this setting to change the orientation of the picture.

1. Select the **Rotate** setting from the **Playback** menu as described previously.
2. Use the **Left/Right** navigation buttons to select a picture to rotate.
3. Use the **Up/Down** navigation buttons to select the direction of rotation or **Back** to cancel and return to the **Playback** menu.



4. Press the func ok button to confirm the setting.

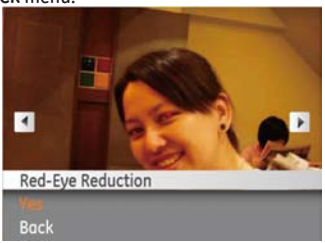
Videos and panoramic pictures cannot be rotated.

The rotated picture file will replace the original one.

Red-Eye Reduction

Use this setting to remove red-eye effect in your photos.

1. Select the **Red-Eye Reduction** in the **Playback** menu as described previously.
2. Use the **Left/Right** button to select the picture that requires red eye removal.
3. Use the **Up/Down** navigation buttons and select **Yes** to fix the selected image or **Back** to cancel and return to the **Playback** menu.



4. Press the func ok button to confirm the setting.

For best results, the face of the subject should be relatively large in the LCD screen, the subject should be facing the camera and the red-eye effect should be clearly visible.

If there is no red eyes in the image, press func ok button after selecting "Yes", such prompt will appear on the screen: red eye is not detected!

Trim

The Trim setting allows you to crop photos and save them as new pictures.

To trim a picture:

1. With the camera in Playback mode press the menu button to access the Photo Menu. Then use the Left/Right button and select the "playback setup 2" tab. Use the Down button to select Trim and press the function button to enter the Trim sub-menu.
2. Using the **Left/Right** buttons, locate the photo that you want to crop. After the photo is displayed on the LCD screen press the Down button, select Yes and press the function func ok button.
3. Use the zoom buttons and navigation buttons to compose the picture.

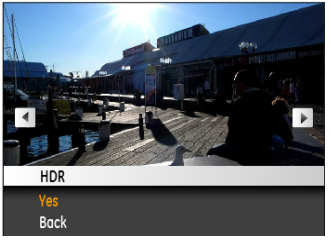
4. Press the func ok button and a 'Save Changes?' prompt will appear. Select "O" to confirm the changes and save the new image, or select "X" to cancel the changes and return to the previous menu.

The image can not be clipped/trimmed again once it has been clipped to 640X480.

HDR-High Dynamic Range

With the HDR function, pictures that are overexposed may be corrected to optimize the highlights and lowlights captured to more accurately represent the actual scene.

1. Select HDR setting in the **Playback** menu as described previously.
2. **Press the Left and Right button to find the picture you** want to optimize and then select Confirm to perform HDR optimization or select Return to go back to Playback menu.

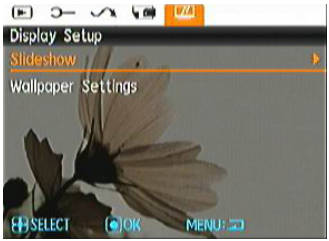


3. After using the HDR function, the image will be saved as a new file, and the original file is still stored in the memory.

Display Setup

Mode:

Press the menu button in Playback mode to enter the Display Setup menu.



Refer to the following sections for details of every setting.

Slideshow

This setting allows you to view all stored pictures as a slideshow.

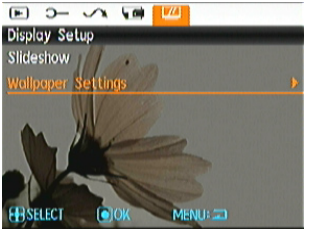
1. Select Slide Show menu, then press the func ok or Right button to enter the slide show setup interface.
2. Press the Up/Down button to select playback effect, playback interval or repeat interval, and press the func ok or Right button to enter and adjust settings. press the func ok button to confirm settings.

3. Use the Up/Down navigation buttons and select Start to run the slideshow or Cancel to return to the Playback menu.
4. Press the func ok button to confirm the setting.

Wallpaper Settings

Use this setting to select your favorite picture as a background on the LCD screen.

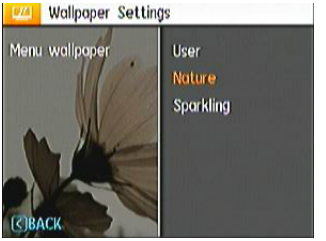
1. Press the Down button to select the Wallpaper Setting menu.



2. Press Right, and the camera will enter the **Wallpaper** Setting **interface.**

Menu Wallpaper:

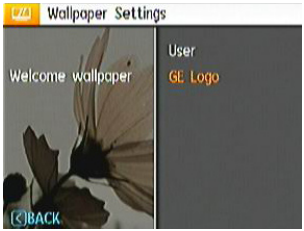
From the Display Setup tab use the Up/Down button to select the Wallpaper Settings option, press the func ok button then press Right to enter the menu wallpaper sub-menu. Press Right and select either User, Nature, or Sparkling. Press function func ok to confirm the setting.



- **User**
- Nature
- Sparkling

Startup Screen:

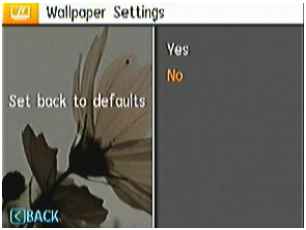
Use the UP/Down button to select the Welcome Wallpaper option, press the func ok or Right button to select welcome wallpaper, press Left button to return to last page, and press menu to exit the menu.



- **User**
- GE Logo

Back To Default:

Use the Up/Down button to select the Back to Default option, press the func ok or Right button to select whether to take the default settings, press the Left Button to return to last page, and press menu to exit the menu.

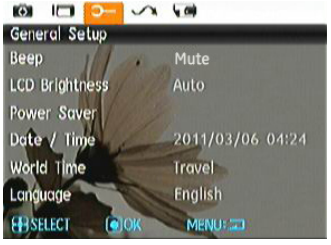


- **Yes**
- **No**

Setup Menu

Mode :

The Setup menu for the camera is available in all modes. Each menu page can be selected by pressing the **menu** button and switching between tabs with the Left/Right button.



To adjust the settings:

1. Select the menu tab that corresponds with the function you want to adjust and press the Down button.
2. Switch between different functions with the **Up/Down** button.
3. Press the **Right** button to enter the submenu.

After selecting a function option, you can press the Up button to return to the menu for other Camera Setup pages. Or you can press the Down button to switch to the next menu page.

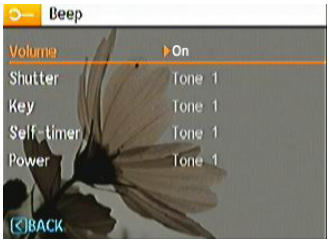
Refer to the following pages for more details about each setting.

Beep

Use this setting to adjust the beep volume when buttons are pressed and change the tones for Shutter button, self-timer, and power-on/power-off.

To change this setting:

1. Select the **Beep** setting from the **Setup** menu as described previously.
2. Use the **Up/Down** navigation buttons to switch between volume, shutter, key, self-timer, and power fields.

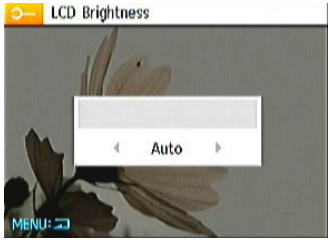


3. Press the Right button, then press the Up/Down button to adjust volume and change tones, and press the func ok button to confirm the setting.

LCD Brightness

Use this setting to adjust the brightness of your LCD screen.

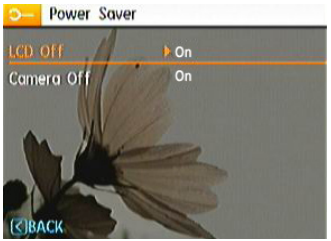
1. Select the **LCD Brightness** setting from the **Setup** menu as described previously.
2. Select auto or adjust the brightness level by using the Left/Right button, and press the func ok button to confirm the setting.



Power Saver

This setting allows you to save power and get the maximum possible running time from your batteries. Follow the steps below to turn off the LCD screen and camera automatically after a period of inactivity.

1. Select the **Power Save** setting from the **Setup** menu as described previously.
2. Press the Up/Down button to select the power items for the screen and camera and press the Right button.



3. Press the Up/Down button to adjust the selected item. Both items have the following options:

- LCD Off :
  30 sec, 1 min, 2 min, and On.
- Camera Off :
  3 min, 5 min, 10 min, and On.

4. Press the func ok button to confirm.

Date/Time

See "**Setting the Date and Time**" section on page 15.

Zone

The Zone setting is a useful function on your overseas trips. This feature enables you to display the local time on the LCD screen while you are overseas.

1. Select the **Zone** setting from the **Setup** menu as described previously. The world time screen will appear.
2. Use the **Up/Down** navigation buttons to switch between the hometown ( ) and travel destination ( ) fields.
3. Use the **Left/Right** navigation buttons to select a city close to the desired time zone. Then press the func ok button to confirm.

Language

See "**Setting the Language**" section on page 15.

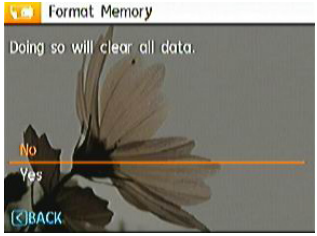
File and Software

Format Memory

Please note: formatting enables you to delete all contents in the memory card and built-in memory, including protected photo and movie files.

To use this setting:

1. Select Format in the File and Software menu.
2. Use the **Up/Down** navigation buttons to select **Yes** or **No**. Then press the func ok button to confirm the setting.

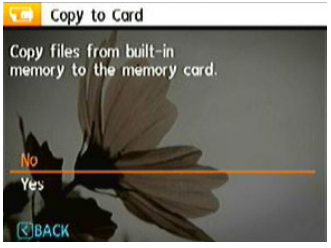


3. Select Yes, and the camera will format the selected media.
4. Note that when you perform the Format Memory function, it only formats the active memory. If a SD memory card is inserted, the SD memory card is active and will be formatted. If there is no SD memory card, the internal memory is active and the internal memory will be formatted. Formatting the SD memory card will not automatically format the internal memory.

Copy to Card (Copy internal memory to memory card)

Use this setting to copy the files stored in the internal memory to the memory card.

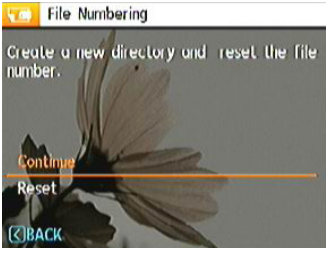
1. Select Copy to Card in the File/Software menu, then press Right.
2. Use the **Up/Down** navigation buttons to select **Yes** or **No**. Then press the func ok button to confirm the setting.



File Numbering

After you take a picture or video clip, the camera will save it in a sequential number. You can use this to reset the file numbering to 1. (When there are more than 999 images on the SD memory card, the use of this features will have no effect).

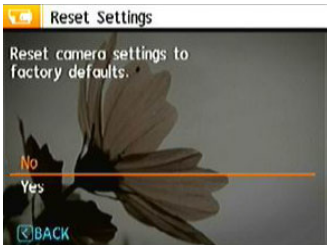
1. Select File Numbering in the File/Software menu, then press Right.
2. Select the option with the Up/Down button and press the func ok button for confirmation.



Reset Settings

Use this setting to restore the camera to its original factory default settings.

1. Select Reset Settings in the File/Software menu, then press Right.
2. Use the **Up/Down** navigation buttons to select **Yes** or **No**. Then press the func ok button to confirm the setting.



FW Version (Firmware Version)

Use this setting to view the current camera firmware version.

Select **FW Version** in the File/Software menu, then press Right.

To update to the latest firmware version, you can go to the following website: www.ge.com/digitalcameras and look under Support.

Video System

Use this feature to switch the video system from either NTSC or PAL.

1. Select **Video System** in the Transmission menu, then press Right.
2. Use the **Up/Down** navigation buttons to select **NTSC** or **PAL**. Then press the func ok button to confirm.

The video output signal can be switched to NTSC or PAL to accommodate different regional TV standards. The appropriate setting will vary between regions.

NTSC: USA, Canada, Taiwan, Japan, etc.

PAL: Europe, Asia (excluding Taiwan), Oceania, etc.

Note: The TV output will not display properly if an incorrect video system is selected.

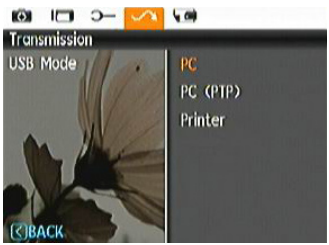
Connecting to a PC

Use the included USB cable and ArcSoft software (CD-ROM) supplied with your camera to copy (transfer) pictures to a computer.

Setting the USB mode

The camera's USB port can be set to connect with either a PC or a Printer, the following steps will allow you to ensure that the camera is correctly configured to connect with a PC.

1. Go to the Transmission menu, then select USB connection with the Up/Down button, and press the Right button.
2. Use the **Up/Down** navigation buttons to select **PC**.
3. Press the func ok button to confirm the setting.

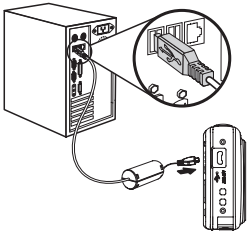


Transferring files to your PC

The computer will automatically detect the camera as a removable drive. Double-click the **My Computer** icon on the desktop to locate the removable drive and to copy folders and files in the drive to a directory on your PC as you would copy any typical folder or file.

By using the included USB cable, you can transfer the captured photos and videos to a PC. Follow the steps below to connect the camera to a PC.

1. Start a computer in which the included ArcSoft software has been installed.
2. Make sure both the camera and PC are turned on.
3. Connect one end of the supplied USB cable to the USB/AV OUT port on your camera.
4. Connect the other end of the cable to an available USB port on your PC.



5. Disconnect the camera once transfer is completed.

If the USB option is set to [PC] :

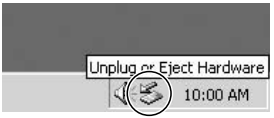
Turn the camera off and disconnect the USB cable.

If the USB option is set to [PC (PTP)] :

Remove the camera from the system as described below before turning the camera off and disconnecting the USB cable.

Windows operating system (Windows 2000, Windows XP, Windows Vista, Windows 7).

Click the [Safely remove the hardware] icon and remove the USB connector according to the appeared menu.



Macintosh

Drag the untitled icon to the Trash. ("Untitled")

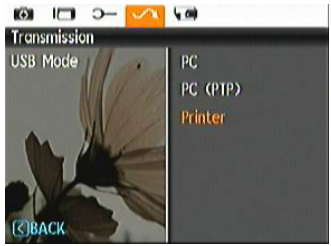
Connecting to a PictBridge Compatible Printer

PictBridge allows printing images from a SD memory card in a digital camera directly to a printer, regardless of brand. To find out if a printer is PictBridge compatible, simply look for the PictBridge logo on the packaging or check the manual for specifications. With the PictBridge function on your camera, you can print the captured photos directly to a PictBridge compatible printer using the supplied USB cable, without the need for a PC.

Setting the USB mode

The camera's USB port can be set to connect with either a PC or a Printer, the following steps will ensure that the camera is correctly configured to connect with a Printer.

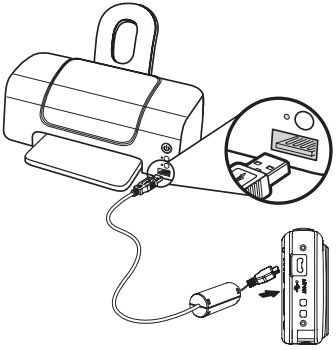
1. Go to the camera's Transmission menu and, select USB connection with the Up/Down button, then press the Right button.
2. Use the **Up/Down** button and select Printer.
3. Press the func ok button to confirm the setting.



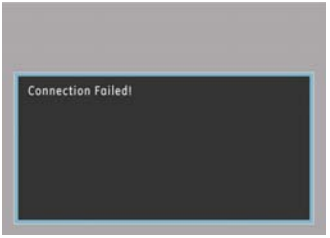
After the camera is reset, it will switch to PC mode automatically from USB mode.

Connecting the camera and printer.

1. Make sure both the camera and printer are turned on.
2. Connect one end of the supplied USB cable to the USB port on your camera.
3. Connect the other end of the cable to the USB port on the printer.



If the camera is not connected to a PictBridge compatible printer, the following error message will appear on the LCD screen.



The above error message would also appear if the USB mode was set incorrectly, in which case you should disconnect the USB cable, check the USB mode settings, ensure that the Printer is turned on, and then try connecting the USB cable again.

Using the PictBridge Menu

After setting the USB mode to Printer, the **PictBridge** menu will appear.

Select a menu item with the Up/Down button and press the Right button or the func ok button to enter the item.

Refer to the following sections for more detailed information on each setting.

Print with Date

If you have set the date and time on your camera, the date and time will be recorded and saved with each photo you take.

1. Select **Print with Date** from the **PictBridge** menu. The following screen will appear.

2. Use the **Left/Right** navigation buttons to scroll through the photos.

3. Use the **Up/Down** navigation buttons to select the number of prints for the current displayed photo.
4. Press the func ok button and the following screen will appear:

5. Select Yes to print or exit, then press func ok **button** again.

Print without Date

Use this setting to print the photos without dates on them.

1. Select **Print without Date** from the **PictBridge** menu. The following screen appears.

2. Use the **Left/Right** navigation buttons to scroll through the images.
3. Use the **Up/Down** navigation buttons to select the number of prints for the current displayed image.
4. Press the func ok button and the following screen will appear.

5. Select Yes to print or exit, then press the func ok button again.

Print Index

You can use this setting to print an index of all the photos currently in your camera's memory.

1. Select **Print index** from the **PictBridge** menu. The following screen will appear.

2. Select Yes to print or exit, then press the func ok button again.

Print DPOF (Digital Print Order Format)

To use DPOF printing, you must make the selection of photos for printing using the DPOF settings beforehand. See "**DPOF**" section on page 53.

1. Select **Print DPOF** from the **PictBridge** menu. The following screen will appear.

2. Select Yes to print or exit, then press the **func ok button** again.

Exit

To exit the **PictBridge** menu, select **Exit**. The "Remove USB cable" message will be displayed.

Disconnect the USB cable from the camera and printer.

Specifications

Design and specifications are subject to change without notice.

Active Image Sensor Pixels		14.20 Megapixels
Total Image Sensor Pixels		14.48 Megapixels [1/2.3" (CCD)]
Lens	Focal Length F =	5.0mm (Wide) ~ 25.0mm (Tele)
	35mm film equivalent	28mm (Wide) ~ 140mm (Tele)
	F number	F3.5 (Wide) ~ F5.2 (Tele)
	Lens Construction	10 groups 10 elements
	Optical Zoom	5X
	Focusing Range	Normal: (Wide) 60cm ~∞, (Tele) 100cm ~ ∞; Macro: (Wide) 5cm ~ ∞;
Anti-Handshake		DIS
Digital Zoom		6x Digital Zoom (Combined Zoom: 30x)

Number of Recording Pixels	Still Image	14MP, 12MP(3:2), 10MP(16:9), 8MP, 5MP, 3MP, 0.3MP
	Movie	1280x720pixels: 30fps/15fps, 640x480pixels: 30fps/15fps, 320x240pixels: 30fps/15fps
Image Compression		Best, Fine, Normal
DCF, DPOF (Ver1.1) Support		Yes
File Format	Still Image	Exif 2.2 (JPEG)
	Movie	Movie **Format: MOV (M-JPEG), Audio: G.711**
Shooting Modes		Auto mode, Manual mode, ASCN mode, Scene mode (Sport, Indoor, Snow, Fireworks, Museum, Night Landscape, Children, Leaf, Sunset, Glass, Landscape, Night Portrait, Beach, Text, Gathering, ID, Fish eye, Travel shooting, Photo frame, Sketch), Stabilization mode, Portrait, Panorama mode, Video mode
Smile Detection		Yes
Blink Detection		Yes
Face-Detection		Yes
Red-eye Removal		Yes
HDR		Yes

Panorama Capture	Yes
LCD Display	2.7 inch (230,400 pixels) TFT color LCD
ISO Sensitivity	Auto, ISO64/100/200/400/800/1600
AF Method	Single AF, Multi-AF (TTL 9-point), AF Assist Light (On/Off)
Light Metering Method	Artificial Intelligence AE (AiAE), Center-weighted Average, Spot (Fixed to center of frame), Face AE
Exposure Control Method	ProgramAE (AE-lock available)
Exposure Compensation	±2 EV in 1/3 Step increments
Shutter Speed	4 ~ 1/2000 second (Manual 30 s)
Playback Modes	Single Photo, Index (9/16 thumbnails), Slide Show, Movie, Zoom (Approx. 2X~8X), Audio, Histogram Display, Date Folder
White Balance Control	Auto (AWB), Daylight, Cloudy, Fluorescent, Fluorescent CWF, Incandescent, Manual

Internal Flash (Shooting Range)	Auto/Red-Eye Reduction/Forced Flash/No Flash/Slow Synchro/Red-Eye Reduction + Slow Synchro
	Shooting Range Wide: Approx. 0.6m~3.0m / Tele: Approx. 0.8m ~ 2.5m
Recording Media	Internal Memory: 50.9MB
	SD Card/SDHC Card (Up to 32GB support)
Other Features	PictBridge, ExifPrint Support, Multi-language Sup port
Jacks	USB2.0 (5 pin Macro USB)/AV-OUT
Power	Rechargeable Lithium-ion Battery GB-10, 3.7V 700mAh
Shooting Capability (Battery Performance)	220 shots (based on CIPA standards)
Operation Environment	Temperature: 0~40°C, Humidity: 0~90%
Dimensions (W x H x D)	98.2mm x 61mm x 20.8~25.1mm
Mass	Approx. 128g (Body only)

Error Messages

Messages	Explanation
Card Error	• The SD memory card is not formatted.
Card Full	• The SD memory card is full and cannot store any new images.
Picture Error	• The picture was not captured correctly. • The picture is damaged.
No Picture	• There are no images on the SD memory card or in the internal memory.
Lens Error	• The lens is probably stuck and the camera will power off automatically.
System Error	• Unexpected error encountered.
Write Protect	• The write protection switch in the SD memory card is set to the “LOCKED” position.
Out of the Range	• When pictures were taken in Panorama mode, the direction of movement was incorrect or the angle was outside the range of the internal settings.

Messages	Explanation
Card is not formatted, format?	• Confirm whether the SD memory card should be formatted.
This image cannot be deleted	• The picture or video you are trying to delete is protected.
Warning!! Camera recording, please wait	• No other actions are allowed during video/audio recording.
Warning!! Battery exhausted	• The batteries are depleted.
This file cannot be played back	• The picture format is not recognized by the camera.
No connection	• The camera is not connected to the printer correctly.
Print error	• There is a problem with camera or printer.
Cannot print	• Check to see that the printer is not out of paper or out of ink. • Check to see if the printer has a paper jam.

Troubleshooting

Problem	Possible causes	Solution
Camera does not turn on	• The batteries have been depleted. • The batteries are not inserted correctly.	• Replace the dead batteries with new ones.
Camera turns off suddenly during operation	• The batteries have been depleted.	• Replace the dead batteries with new ones.
The picture is blurred	• The lens is dirty. • appears when taking pictures.	• Use a soft cloth to clean the lens on your camera. • Use the **Image Stabilization** mode.
Images and video files cannot be saved	• The SD memory card is full.	• Replace the SD memory card with a new one. • Delete unwanted images. • Unlock the memory card.
No picture can be taken when pressing the Shutter button	• The SD memory card is full. • No available space to store the files. • The mode dial is in **Playback** mode.	• Replace the SD memory card with a new one or format the current SD memory card. • Delete unwanted images. • The SD memory card is locked.
Images cannot print from the connected printer	• The camera is not connected to the printer correctly. • The printer is not PictBridge compatible. • The printer is out of paper or out of ink. • The printer paper is jammed.	• Check the connection between the camera and printer. • Use a PictBridge compatible printer. • Reload more paper in the printer. • Replace the ink cartridge in the printer. • Remove the jammed paper.

Problem	Possible causes	Solution
Write to memory card slowly	• Using a memory card below Class 4 may result in slower recording times.	• Use an SDHC card and shoot after formatting the card.
Cannot write to the memory card	• The SD memory card has been locked. • The camera may experience trouble recording HD movies to SD cards with a rating lower than class 4.	• Remove the SD memory card and unlock it. • Use an SDHC card and shoot after formatting the card.
Too many movies to process	• The number of pictures or binders in the SD memory card exceed the specifications, so the playback of data folder can not be displayed.	• Delete unwanted files. • Transfer the files on the SD memory card to other area.

http://www.ge.com/digitalcameras

imagination at work

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